

ABSTRACT

Systems and methods are disclosed for selecting a value set associated with a set of parameters. Real costs are generated for each of a plurality of first value sets represented as a plurality of real chromosomes. Speculative costs are generated for each of a plurality of second value sets represented as a plurality of speculative chromosomes that represent value set variations of the first value sets. At least one subsequent generation of speculative chromosomes is generated until a predetermined validation criteria has been satisfied. Upon achieving the predetermined validation criteria, real costs are generated for at least one speculative chromosome of the plurality of speculative chromosomes.